

Comparisons of Job Characteristics

Focus Occupation: **Insulation Workers, Mechanical (47-2132)**

Associated Occupation: **Construction Laborers (47-2061)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: **Insulation Workers, Mechanical (47-2132)**

Associated Occupation: **Construction Laborers (47-2061)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Building and Construction	4.0	16.8	11.4	<< Extensive education and/or training may be required
Mechanical	6.8	11.2	10.3	0 Current knowledge level may be sufficient
Design	5.2	10.7	9.4	< Expanded education and/or training may be required
Public Safety and Security	6.9	10.6	8.9	< Expanded education and/or training may be required
Transportation	4.6	8.0	6.6	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: **Insulation Workers, Mechanical (47-2132)**

Associated Occupation: **Construction Laborers (47-2061)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	8.1	6.6	< A higher skill level may be required
Equipment Selection	3.3	5.3	2.1	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Insulation Workers, Mechanical (47-2132)
Associated Occupation: Construction Laborers (47-2061)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Static Strength	5.0	11.6	8.8	<< Extensive improvement in abilities may be required
Manual Dexterity	6.5	11.2	9.5	< Some improvement in abilities may be required
Multilimb Coordination	6.0	10.6	8.9	< Some improvement in abilities may be required
Trunk Strength	5.7	10.3	9.1	< Some improvement in abilities may be required
Stamina	4.0	8.6	6.2	<< Extensive improvement in abilities may be required
Dynamic Strength	3.5	7.0	5.4	< Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 86

Focus Occupation: Insulation Workers, Mechanical (47-2132)
Associated Occupation: Construction Laborers (47-2061)

Work Activities	Exclusivity of Activity
Adhere to safety procedures	12
Apply adhesives, caulking, sealants, or coatings	45
Build or repair structures in construction, repair, or manufacturing setting	54
Climb ladders, scaffolding, or utility or telephone poles	56
Cut, shape, fit, or join wood or other construction materials	58
Erect scaffold	56
Fabricate, assemble, or disassemble manufactured products by hand	11
Install insulating materials	81
Load, unload, or stack containers, materials, or products	37
Move or fit heavy objects	8
Read tape measure	41
Understand construction specifications	53
Use hand or power tools	2
Use hazardous materials information	35
Use measuring devices in construction or extraction work	41

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 80

Focus Occupation: Insulation Workers, Mechanical (47-2132)
Associated Occupation: Construction Laborers (47-2061)

Tools and Technologies	Exclusivity
Compressors	9
Cutting and crimping and punching tools	3
Dispensing tools	6
Fastener setting tools	12
Holding and clamping tools	3
Ladders and scaffolding	6
Length and thickness and distance measuring instruments	2
Masonry and concrete tools	22
Measuring and layout tools	3
Power tools	2
Respiratory protection	6
Safety apparel	4
Tool attachments and accessories	12
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.